Applied Solids Physics A Surfaces

Volume A 59 1994

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PHYSICS AND ASTRONOMY CLASSIFICATION SCHEME (PACS)

Shortened version for use in classifying papers for Applied Physics

General

- Mathematical methods in physics
- Measurement science and metrology
- Specific instrumentation
 - 07.60 Optical instruments and techniques, detection of radiation
 - 07.65 Optical spectroscopy and spectrometers
 - 07.75 Mass spectrometers and mass-spectroscopy techniques
 - 07.80 Electron and ion microscopes and spectrometers; techniques
 - 07.85 X-ray and gamma-ray instruments and techniques

Atomic and molecular physics

- Atomic spectra and interactions with photons
- 33 Molecular spectra and interactions of molecules with
- Atomic and molecular collision processes and inter-
- Experimentally derived information on atoms and
- Studies of special atoms and molecules (macro- and polymer molecules, clusters)

Fundamental areas of phenomenology (including applications)

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 - 42.20 Propagation and transmission in inhomogeneous media
 - 42.30 Optical information, image formation and analysis
 - 42.40 Holography
 - 42.50 Quantum optics
 - 42.55 Laser processes
 - C Pumping mechanisms
 - E Molecular gas lasers (CO₂, CO, N₂O, formaldehyde)
 - G Excimer lasers
 - H Atomic, ionic, and other gas lasers
 - M Laser action in liquids and organic dyes
 - P Laser action in semiconductors
 - R Laser action in solid-state lasers
 - T Free-electron lasers
 - 42.60 Laser systems and laser-beam applications
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 - D Laser resonators, cavities, and amplifiers
 - E Laser beam deflection and focusing
 - Laser beam modulation, mode locking, and tuning
 - 42.65 Nonlinear optics
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- Layer structures, intercalation compounds, and superlattices: growth, structure, and nonelectronic properties
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 - Z Laser-induced reactions
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Solids and Materials

Al-Sharif A., O'Shea M.J.:

Irradiation effects on YBa2 Cu3 O7. 8 superconducting compound. Appl. Phys. A 59/6, 597-599 (1994) PACS: 61.80H 74.70 74.60

Aspacher B., Frank W., Kizler P., Maier K.:

The nature of the C-defects in nickel and their role in the interpretation of radiation damage in metals.

Appl. Phys. A 59/4, 339-348 (1994) PACS: 76.80 61.10 23.40 61.70

Buse K., Hesse H., Stevendaal U. van, Loheide S., Sabbert D., Krätzig E.: Photorefractive properties of ruthenium-doped potassium niobate. Appl. Phys. A 59/6, 563-567 (1994) PACS: 61.70 72.40 78.20

Delaye P., Bardeleben H.J. von, Roosen G.:

Photorefractive measurements in electron-irradiated semi-insulating

Appl. Phys. A 59/4, 357-364 (1994) PACS: 71.55E 78.50 42.70 Elboussiri K.

Incommensurate multisoliton regimes in the heavy fermion UPt3 super-

Appl. Phys. A 59/2, 223-224 (1994) PACS: 74.70

Elfalaky A .:

Structural and IR studies on Cu-Ti mixed ferrite.

Appl. Phys. A 59/4, 389-393 (1994) PACS: 61.10 78.30 78.70

Falconieri M., Salvetti G.: Effects of co-dopant concentrations and excitation conditions on the 2 μm fluorescence dynamics in Tm, Ho:YLF crystals.

Appl. Phys. A 59/3, 253-258 (1994) PACS: 42.70

Jennane A., Bernardini J., Moser P., Moya G.:

Positron annihilation in the quenched and electron-irradiated NiSb intermetallic compound.

Appl. Phys. A 59/2, 163-168 (1994) PACS: 78.70B 61.70

Julien C., Khelfa A., Guesdon J.P., Gorenstein A.:

Lithium intercalation in MoO3: A comparison between crystalline and disordered phases.

Appl. Phys. A 59/2, 173-178 (1994) PACS: 68.65 66.30

Klingler M., Weppner W.

In-situ formation of p-n junctions in semiconducting TiO2.

Appl. Phys. A 59/3, 239-243 (1994) PACS: 72.20 72.60 85.30 66.30 Lan M.D., Peng S.J., Liu J.Z., Shelton R.N.

Magnetic-relaxation study in melt-textured ErBa, Cu, O7-8 ceramic mat-

Appl. Phys. A 59/2, 169-172 (1994) PACS: 74.60G 74.25 74.80 Lee D., Han T.P.J., Henderson B.:

Charge compensation and the luminescence of Cr3+ in KMgF3. Appl. Phys. A 59/4, 365-372 (1994) PACS: 71.70C 71.55

Leppert J., Peudenier S., Bayer E., Grabmaier B.C., Blasse G.:

Time-resolved emission spectroscopy of gadolinium vanadate ceramics (GdVO4:Bi3+)

Appl. Phys. A 59/1, 69-72 (1994) PACS: 78.40 78.60 81.20 Macdonald J.R.

"Constant-loss" relaxation response in crystals and glasses. Appl. Phys. A 59/2, 181-188 (1994) PACS: 66.90T 77.22

Conversion-electron Mössbauer spectroscopy using 121 Sb and a study of powdered a-Sb, O2

Appl. Phys. A 59/4, 381-384 (1994) PACS: 82.80E

Morosin B., Henderson C., Schirber J.E.:

Stoichiometrically controlled direct solid-state synthesis of C₆₀H₂. Appl. Phys. A 59/2, 179-180 (1994) PACS: 82.30N

Navarro H., Timusk T., Datars W.R., Houghton D.C.:

Photoconductivity of erbium-doped germanium. Appl. Phys. A 59/4, 373-379 (1994) PACS: 78.50G 72.40 07.62

Nshanian T.:

Secondary-electron emission of ion-implanted semiconductors in scanning electron microscopy

Appl. Phys. A 59/4, 349-355 (1994) PACS: 61.80J 61.70 61.16 Paje S.E., Llopis J.:

Photoluminescence decay and time-resolved spectroscopy of cubic yttria-stabilized zirconia

Appl. Phys. A 59/6, 569-574 (1994) PACS: 78.55H 71.55 Saffarini G .:

Glass transition temperature and molar volume versus average coordina-

tion number in Ge_{100-x}S_x bulk glasses. Appl. Phys. A **59**/4, 385-388 (1994) PACS: 61.40

Shan Y.Y., Au H.L., Ling C.C., Lee T.C., Panda B.K., Fung S.,

Beling C.D., Wang Y.Y., Weng H.M.:

Semi-insulating GaAs: A possible substrate for a field-assisted positron

Appl. Phys. A 59/3, 259-273 (1994) PACS: 78.70B 79.90 72.20

Shershakov Ye.P., Miklyaev Yu.V., Zel'dovich B.Ya.:

Space-charge field in photorefractive materials at relatively large contrast interference pattern.

Appl. Phys. A 59/6, 575-578 (1994) PACS: 42.70 42.65

Sugioka K., Toyoda K.:

Generation mechanism and thermal stability of high carrier concentrations by KrF-excimer-laser doping of Si into GaAs.

Appl. Phys. A 59/3, 233-237 (1994) PACS: 42.55G 64.00 81.60

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Copper as an electron trap in GaAs_{0.6}P_{0.4}. Appl. Phys. A **59**/3, 245-251 (1994) PACS: 71.00 61.70

Tokarzewski S., Blawzdziewicz J., Andrianov I.:

Effective conductivity for densely packed highly conducting cylinders. Appl. Phys. A 59/6, 601-604 (1994) PACS: 02.00 65.40 66.70

Tomita Y., Suzuki A.:

Photorefractive properties of Cr-doped strontium-barium niobate at 514.5 nm and 632.8 nm: A comparative study.

Appl. Phys. A 59/6, 579-582 (1994) PACS: 42.65 42.70 72.40

Tong X., Chen L., Wang Y .:

Effect of Si-substrate heating during laser-induced B-doping. Appl. Phys. A 59/2, 189-191 (1994) PACS: 61.80 68.35 72.80

Xia J.B., Cheah K.W .:

Temperature effect on porous silicon luminescence.

Appl. Phys. A 59/3, 227-231 (1994) PACS: 73.20D 78.55

Yuan S.L., Yang Z.J., Kadowaki K., Li J.Q., Kimura T., Kishio K., Huang Z., Chen J.L., Gao B.J.:

Extension of the 3D-scaling rule for resistivity as a function of magnetic field and its orientation for anisotropic high-temperature superconductors

Appl. Phys. A 59/6, 583-587 (1994) PACS: 74.60G 74.25 74.20 Zhang W., Wang Y.

Polarizing optical behaviour of optically heterogeneous fiber-reinforced

Appl. Phys. A 59/6, 589-595 (1994) PACS: 78.20F 07.60 42.70

Surfaces and Multilayers

Allers W., Schwarz U.D., Gensterblum G., Wiesendanger R.:

Scanning and friction-force microscopy of thin C₆₀ films on GeS(001). Appl. Phys. A 59/1, 11-15 (1994) PACS: 68.55

Angermann H., Dittrich Th., Flietner H.:

Investigation of native-oxide growth on HF-treated Si(111) surfaces by measuring the surface-state distribution.

Appl. Phys. A 59/2, 193-197 (1994) PACS: 73.20 81.60 82.65 Baek D.H., Chung J.W.

Vibrational property of the slow N₂ + ions deposited SiN, films. Appl. Phys. A 59/4, 445-448 (1994) PACS: 61.14 68.55

Bielefeldt H., Hörsch I., Krausch G., Lux-Steiner M., Mlynek J., Marti O.:

Reflection-scanning near-field optical microscopy and spectroscopy of opaque samples

Appl. Phys. A 59/2, 103-108 (1994) PACS: 07.60P 07.65 78.65

Bluhm H., Schwarz U.D., Herrmann F., Paufler P.:

Study of the influence of native oxide layers on atomic force microscopy imaging of semiconductor surfaces.

Appl. Phys. A 59/1, 23-27 (1994) PACS: 61.16 68.65 Bourne O.L., Hart D'Arcy, Rayner D.M., Hackett P.A.:

Depth profiling a III-V multilayered structure with an excimer laser. An application of digital etching.

Appl. Phys. A 59/3, 295-297 (1994) PACS: 81.60 82.65 82.80

Brannon J., Snyder C.

Pulsed 532 nm laser wirestripping: Removal of dye-doped polyurethane insulation.

Appl. Phys. A 59/1, 73-78 (1994) PACS: 81.60J 81.40 42.80

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Selective imaging of self-assembled monolayers by tunneling micros-

Appl. Phys. A 59/2, 135-138 (1994) PACS: 68.55 61.16

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Structure reorganization in polymer films of nafion due to swelling studied by scanning force microscopy.

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Photoemission study of the growth of the NdF₃/Si(111) interface. Appl. Phys. A 59/4, 413-418 (1994) PACS: 79.60E 68.55 68.60

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Total internal reflection second-harmonic generation: Probing the alkane water interface.

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Adsorbate-site determination by surface-state spectroscopy? Appl. Phys. A 59/5, 459-461 (1994) PACS: 82.65M 73.20 82.80 Daum W., Friedrich K.A., Klünker C., Knabben D., Stimming U.,

Sum-frequency generation at electrochemical interfaces: Cyanide vibrations on Pt(111) and Pt(110)

Appl. Phys. A 59/5, 553-562 (1994) PACS: 68.45K 82.65 42.65 42.62 Dirnberger L., Dyer P.E., Farrar S.R., Key P.H.:

Observation of magnetic-field-enhanced excitation and ionization in the

plume of KrF-laser-ablated magnesium. Appl. Phys. A 59/3, 311-316 (1994) PACS: 52.50 81.60 79.20

Driel H.M. van:

Second-harmonic generation from metal surfaces: Beyond jellium. Appl. Phys. A 59/5, 545-552 (1994) PACS: 68.35B 78.66 42.65 73.20 Dyer P.E., Karnakis D.M.:

Analysis of UV radiation transport in polymers exhibiting one-photon incubated absorption.

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Scanning force microscopy of the crystalline/amorphous interface of ultradrawn poly(ethylene)

Appl. Phys. A 59/2, 145-150 (1994) PACS: 61.14 61.16 61.65

Falke M., Hippler R.:

Nonlinear photoelectric emission from metals.

Appl. Phys. A 59/5, 537-540 (1994) PACS: 79.20 79.60 Fauster Th.:

Quantization of electronic states on metal surfaces.

Appl. Phys. A 59/5, 479-486 (1994) PACS: 73.20A 73.20 79.60 Fauster Th.:

Calculation of surface states using a one-dimensional scattering model. Appl. Phys. A 59/6, 639-643 (1994) PACS: 73.20A 68.35

Fölser F .:

Electroless copper deposition on excimer-laser pretreated alumina. Appl. Phys. A 59/2, 209-213 (1994) PACS: 42.60 81.15 61.80

Freire Jr. F.L., Achete C.A., Franceschini D.F., Mariotto G.: In-depth modifications of implanted amorphous carbon films

Appl. Phys. A 59/6, 667-672 (1994) PACS: 81.15 61.80 82.80 78.30 Goodman S.A., Auret F.D., Myburg G.:

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Defect annealing of alpha-particle irradiated n-GaAs.

Appl. Phys. A 59/3, 305-310 (1994) PACS: 61.80J 73.20 81.40 Gromov D., Pugachevich V.:

Modified methods for the calculation of real Schottky-diode parameters. Appl. Phys. A 59/3, 331-333 (1994) PACS: 73.30

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Appl. Phys. A 59/1, 41-48 (1994) PACS: 61.16D 74.20 74.50 74.60 Heinzelmann H., Pohl D.W.

Scanning near-field optical microscopy.

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Heitz J., Arenholz E., Bäuerle D., Sauerbrey R., Phillips H.M.: Femtosecond excimer-laser-induced structure formation on polymers. Appl. Phys. A 59/3, 289-293 (1994) PACS: 42.55 81.40 82.65 Hoegen M. Horn-von:

Surfactants: Perfect heteroepitaxy of Ge on Si (111).

Appl. Phys. A 59/5, 503-515 (1994) PACS: 68.55 68.35 61.14 61.16 Ionov R., Angelova A.:

Organic/semiconductor superlattices as an attractive perspective. Appl. Phys. A 59/3, 327-330 (1994) PACS: 68.65 81.15

Jin G., Weide C., Hsu C.C.:

Studies of the promising material CoSi2 on GaAs substrates. Appl. Phys. A 59/3, 335-337 (1994) PACS: 68.60D 68.55 73.40 73.30 Kokai F., Koga Y., Kakudate Y., Kawaguchi M., Fujiwara S.,

Kubota M., Fukuda K.:

Laser-ionization mass-spectrometric studies on laser ablation of a nitrogen-rich polymer at 532 nm and 1064 nm

Appl. Phys. A 59/3, 299-304 (1994) PACS: 81.15 82.80 42.62 Krüger P., Pollmann J .:

Theory of adsorption: Ordered monolayers from Na to Cl on Si(001) and Ge(001).

Appl. Phys. A 59/5, 487-502 (1994) PACS: 73.20A 68.35 73.20 Kuhlenbeck H.

Electronic excitations on clean and adsorbate-covered oxide surfaces. Appl. Phys. A 59/5, 469-477 (1994) PACS: 73.20A 71.28 Kuphal E.:

Phase diagram and LPE growth of strongly Sn- and Te-doped InGaAs. Appl. Phys. A 59/4, 441-444 (1994) PACS: 68.55D 81.30 72.20 Labardi M., Allegrini M., Salerno M., Frediani C., Ascoli C.:

Dynamical friction coefficient maps using a scanning force and friction microscope.

Appl. Phys. A 59/1, 3-10 (1994) PACS: 61.16C

Löhndorf M., Goerke F., Merkt U., Wiesendanger R.:

Growth stages of YSZ-buffer layers and YBa2Cu3O7. x thin films on silicon substrates studied by scanning probe microscopy. Appl. Phys. A 59/1, 57-62 (1994) PACS: 68.55

Lu Y.F., Takai M., Komuro S., Shiokawa T., Aoyagi Y.: Surface cleaning of metals by pulsed-laser irradiation in air. Appl. Phys. A 59/3, 281-288 (1994) PACS: 42.55G 81.60 82.50

Magonov S.N., Wawkuschewski A., Cantow H.-J., Liang W., Whangbo M.-H.:

Scanning tunneling microscopy study of molecular order at liquid-solid interfaces

Appl. Phys. A 59/2, 119-133 (1994) PACS: 68.45 68.55 73.60 Markwitz A., Baumann H., Krimmel E.F., Michelmann R.W., Maurer C.,

Paloura E.C., Knop A., Bethge K.: Chemical bonding and interface analysis of ultrathin silicon-nitride lay-

ers produced by ion implantation and electron beam rapid thermal annealing (EB-RTA).

Appl. Phys. A 59/4, 435-439 (1994) PACS: 34.00 61.16 81.40

McGilp J.F., Cavanagh M., Power J.R., O'Mahony J.D.:

Spectroscopic optical second-harmonic generation from semiconductor interfaces.

Appl. Phys. A 59/4, 401-405 (1994) PACS: 42.65K 73.20 78.66

Missana T., Afonso C.N., Silva M.F. da:

Interdiffusion studies in Bi-based layered systems with nanosecond laser

Appl. Phys. A 59/6, 653-658 (1994) PACS: 66.30 68.22 78.47

Morishige Y., Kishida S.:

Thick gold-film deposition by high-repetition visible pulsed-laser chemical vapor deposition.

Appl. Phys. A 59/4, 395-399 (1994) PACS: 81.15G 82.30

Mühge Th., Stierle A., Metoki N., Zabel H., Pietsch U.:

Structural properties of high-quality sputtered Fe films on Al₂O₃ (1120) and MgO (001) substrates.

Appl. Phys. A 59/6, 659-665 (1994) PACS: 81.15C 68.55 61.10 Paggel J.J., Förster M.:

An artefact in scanning tunneling microscopy images of highly oriented pyrolytic graphite.

Appl. Phys. A 59/4, 419-425 (1994) PACS: 61.16C 06.50

Papajova D., Hagston W.E., Harrison P.:

The simulation of single-crystal growth by molecular beam epitaxy using a kinetic rate-equation model.

Appl. Phys. A 59/2, 215-222 (1994) PACS: 68.55B 68.65 Park J.-H., Cho H.Y., Tong C., Min S.-K., Han S.H., Wu J.W.,

Yang I.-S.:

Optical properties of laser-processed In_x Ga_{1. x} As. Appl. Phys. A **59**/6, 617-621 (1994) PACS: 78.30F 68.55 61.70 Persch G., Born Ch., Utesch B .:

Ultrathin-film hardness investigations by a modified atomic force microscope

Appl. Phys. A 59/1, 29-32 (1994) PACS: 68.55

Preuss S., Matthias E., Stuke M.

Sub-picosecond UV-laser ablation of Ni films. Strong fluence reduction and thickness-independent removal.

Appl. Phys. A 59/1, 79-82 (1994) PACS: 81.60B

Probst O., Grafström S., Fritz J., Dey S., Kowalski J., Neumann R., Wörtge M., Putlitz G. zu:

Contrast mechanisms in photothermal scanning tunneling microscopy. Appl. Phys. A 59/2, 109-113 (1994) PACS: 42.60F 61.30 68.15

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Afonso C.N.	Missana T.	A 59/6, 653-658 (1994)	66.30	Charton G.	Chardonnet Ch.	B 59/3, 333-343 (1994)	33.80
Ahmed K.	Mehdizadeh E.	B 59/5, 509-515 (1994)	07.60	Cheah K.W.	Xia J.B.	A 59/3, 227-231 (1994)	73.20D
Al-Sharif A.	Al-Sharif A.	A 59/6, 597-599 (1994)	61.80H	Chen H.	Zhu Y.M.	B 59/6, 617-619 (1994)	61.30G
Albrecht A.C.	Schaertel S.A.	B 59/4, 377-387 (1994)	42.65D	Chen J.L.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G
Albrecht F.	Grieser R.	B 59/2, 127-133 (1994)	03.30	Chen L.	Tong X.	A 59/2, 189-191 (1994)	61.80
Aldén M.	Nyholm K.	B 59/1, 37-43 (1994)	42.65	Chen Y.	Kushawaha V.	B 59/6, 659-662 (1994)	42.55R
Allegrini M.	Labardi M.	A 59/1, 3-10 (1994)	61.16C	Cheskis S.	Cheskis S.	B 59/5, 543-546 (1994)	32.20
Allegrini M.	Domiaty U.	B 59/5, 525-531 (1994)	42.50F	Cho H.Y.	Park JH.	A 59/6, 617-621 (1994)	78.30F
Alternati H.I.	Allers W.	A 59/1, 11-15 (1994)	68.55	Chomakova-Haefke M Chu S.	Weiss D.S.	A 59/2, 151-153 (1994) B 59/3, 217-256 (1994)	61.16C 32.00
Altermatt H.J. Andreu J.	Ith M. Cifre J.	B 59/6, 621-629 (1994)	61.80B 81.15	Chung J.W.	Baek D.H.	A 59/4, 445-448 (1994)	61.14
Andrianov I.	Tokarzewski S.	A 59/6, 645-651 (1994) A 59/6, 601-604 (1994)	02.00	Cifre J.	Cifre J.	A 59/6, 645-651 (1994)	81.15
Angelova A.	Ionov R.	A 59/3, 327-330 (1994)	68.65	Clairon A.	Drewsen M.	B 59/3, 283-298 (1994)	32.80P
Angermann H.	Angermann H.	A 59/2, 193-197 (1994)	73.20	Coburn J.W.	Coburn J.W.	A 59/5, 451-458 (1994)	81.60C
Antonyuk B.P.	Antonyuk B.P.	B 59/6, 639-643 (1994)	78.66	Colbow K.M.	Colbow K.M.	A 59/4, 413-418 (1994)	79.60E
Aoyagi Y.	Lu Y.F.	A 59/3, 281-288 (1994)	42.55G	Colonna G.	Colonna G.	B 59/1, 61-72 (1994)	42.55G
Apparao K.V.S.R.	Sahoo N.K.	A 59/3, 317-326 (1994)	42.80	Conboy J.C.	Conboy J.C.	A 59/6, 623-629 (1994)	42.65
Arakelian S.M.	Drnoian V.E.	B 59/6, 565-571 (1994)	61.30G	Coufal H.	Coufal H.	A 59/1, 83-86 (1994)	62.20D
Arenholz E.	Heitz J.	A 59/3, 289-293 (1994)	42.55	Courteille Ph.	Courteille Ph.	B 59/2, 187-193 (1994)	07.65E
Ascoli C.	Labardi M.	A 59/1, 3-10 (1994)	61.16C	Cramer J.	Cramer J.	A 59/5, 459-461 (1994)	82.65M
Aspacher B.	Aspacher B.	A 59/4, 339-348 (1994)	76.80	Cramm S.	Colbow K.M.	A 59/4, 413-418 (1994)	79.60E
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Auret F.D. Axner O.	Goodman S.A.	A 59/3, 305-310 (1994)	61.80J	Dämmig M.	Dämmig M.	B 59/3, 345-349 (1994)	42.25B
Axner O.	Ljungberg P.	B 59/1, 53-60 (1994)	35.80	Daschbach J.L.	Conboy J.C. Navarro H.	A 59/6, 623-629 (1994)	42.65
Baek D.H.	Back D.H.	A 59/4, 445-448 (1994)	61.14	Datars W.R. Daum W.	Daum W.	A 59/4, 373-379 (1994) A 59/5, 553-562 (1994)	78.50G 68.45K
Bangar Raju B.	Bangar Raju B.	B 59/1, 83-86 (1994)	42.55M	Delaye P.	Delaye P.	A 59/4, 357-364 (1994)	71.55E
Bardeleben H.J. von	Delaye P.	A 59/4, 357-364 (1994)	71.55E	Dembczynski J.	Behrens HO.	B 59/3, 299-306 (1994)	32.30J
Bar I.	Tzuk Y	B 59/1, 45-52 (1994)	42.25B	Demtröder W.	Mehdizadeh E.	B 59/5, 509-515 (1994)	07.60
Bäuerle D.	Heitz J.	A 59/3, 289-293 (1994)	42.55	Deng C.	Slaoui A.	A 59/2, 203-207 (1994)	73.40L
Bauer P.	Burger J.	A 59/1, 49-56 (1994)	68.55	Dey S.	Probst O.	A 59/2, 109-113 (1994)	42.60F
Baumann H.	Markwitz A.	A 59/4, 435-439 (1994)	34.00	Dias Tavares Jr. A.	Dias Tavares Jr. A.	B 59/6, 645-648 (1994)	42.60
Bayer E.	Leppert J.	A 59/1, 69-72 (1994)	78.40	Dickopf S.	Grieser R.	B 59/2, 127-133 (1994)	03.30
Befort O.	Roders O.	B 59/5, 537-541 (1994)	42.65K	Dickson R.M.	Weliky D.P.	B 59/3, 265-281 (1994)	78.30H
Behrens HO.	Behrens HO.	B 59/3, 299-306 (1994)	32.30J	Dimarcq N.	Dimarcq N.	B 59/2, 135-145 (1994)	32.80
Beléndez A.	Beléndez A.	B 59/5, 553-561 (1994)	42.40D	Dinev S.G.	Domiaty U.	B 59/5, 525-531 (1994)	42.50F
Beling C.D.	Shan Y.Y.	A 59/3, 259-273 (1994)	78.70B	Dirnberger L.	Dirnberger L.	A 59/3, 311-316 (1994)	52.50
Ben-Porat T. Bennemann K.H.	Tzuk Y.	B 59/1, 45-52 (1994)	42.25B 75.30P	Dittrich Th. Domiaty U.	Angermann H. Domiaty U.	A 59/2, 193-197 (1994) B 59/5, 525-531 (1994)	73.20 42.50F
Berkovic G.	Pustogowa U.	A 59/6, 611-615 (1994) A 59/6, 631-637 (1994)	42.65	Dorsch W.	Burger J.	A 59/1, 49-56 (1994)	68.55
Berman P.R.	Schwarzberg E. Dubetsky B.	B 59/2, 147-157 (1994)	42.50M	Dou S.X.	Lian Y.	B 59/6, 655-658 (1994)	42.65
Bernardini J.	Jennane A.	A 59/2, 163-168 (1994)	78.70B	Dransfeld K.	Xu J.B.	A 59/2, 155-161 (1994)	61.16
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Bertolotti M.	Antonyuk B.P.	B 59/6, 639-643 (1994)	78.66	Driel H.M. van	Driel H.M. van	A 59/5, 545-552 (1994)	68.35B
Bertomeu J.	Cifre J.	A 59/6, 645-651 (1994)	81.15	Drnoian V.E.	Drnoian V.E.	B 59/6, 565-571 (1994)	61.30G
Bethge K.	Markwitz A.	A 59/4, 435-439 (1994)	34.00	Dubetsky B.	Dubetsky B.	B 59/2, 147-157 (1994)	42.50M
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Bielefeldt H.	Bielefeldt H.	A 59/2, 103-108 (1994)	07.60P	Dyer P.E.	Dirnberger L.	A 59/3, 311-316 (1994)	52.50
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Boquillon J.P.	Boquillon J.P.	B 59/3, 357-360 (1994)	42.55R	Ellingsen R.	Zibrov A.S.	B 59/3, 327-331 (1994)	42.55P
Bordé Ch.J.	Chardonnet Ch.	B 59/3, 333-343 (1994)		Eng L.M.	Eng L.M.	A 59/2, 145-150 (1994)	61.14
Borges A.M.	Dias Tavares Jr. A.		42.60	Ertmer W.	Sengstock K.	B 59/2, 99-115 (1994)	07.65
Born Ch.	Persch G.	A 59/1, 29-32 (1994)	68.55	Esenaliev R.O.	Esenaliev R.O.	B 59/1, 73-81 (1994)	79.20D
Bourne O.L.	Bourne O.L.	A 59/3, 295-297 (1994)		Esposito F.	Colonna G.	B 59/1, 61-72 (1994)	42.55G
Brannon J.	Brannon J.	A 59/1, 73-78 (1994)	81.60J				
Bratz A.	Roders O.	B 59/5, 537-541 (1994)	42.65K	Falconieri M.	Falconieri M.	A 59/3, 253-258 (1994)	42.70
Brown T.M.	Brown T.M.	B 59/3, 351-356 (1994)	07.60	Falke M.	Falke M.	A 59/5, 537-540 (1994)	79.20
Bucher J.P.	Bucher J.P.	A 59/2, 135-138 (1994)		Färber M.	Behrens HO.	B 59/3, 299-306 (1994)	
Burger J.	Burger J.	A 59/1, 49-56 (1994)	68.55	Farrar S.R.	Dirnberger L.	A 59/3, 311-316 (1994)	
Buse K.	Jermann F.	B 59/4, 437-443 (1994)		Fauster Th.	Fauster Th.	A 59/5, 479-486 (1994)	
Buse K.	Buse K.	A 59/6, 563-567 (1994)		Fauster Th.	Fauster Th.	A 59/6, 639-643 (1994)	
Bushaw B.A.	Zimmer K.	B 59/2, 117-121 (1994)		Fehn Th.	Fehn Th.	B 59/2, 203-209 (1994) B 59/6, 631-633 (1994)	
Byers T.J.	Weliky D.P.	B 59/3, 265-281 (1994)	78.30H	Fellman T. Fellows C.E.	Fellman T. Dias Tavares Jr.A.	B 59/6, 631-633 (1994) B 59/6, 645-648 (1994)	
Canto-Said E.J.	Jordan C.	B 59/4, 471-473 (1994)	42.65R	Filippo G. De	Domiaty U.	B 59/5, 525-531 (1994)	
Cantow HJ.	Magonov S.N.	A 59/2, 119-133 (1994)		Fimia A.	Beléndez A.	B 59/5, 553-561 (1994)	
Capitelli M.	Colonna G.	B 59/1, 61-72 (1994)	42.55G	Flietner H.	Angermann H.	A 59/2, 193-197 (1994)	
Castin Y.	Drewsen M.	B 59/3, 283-298 (1994)		Fölser F.	Fölser F.	A 59/2, 209-213 (1994)	
Causo M.S.	Causo M.S.	B 59/1, 19-24 (1994)	79.60	Förster M.	Paggel J.J.	A 59/4, 419-425 (1994)	
Cavanagh M.	McGilp J.F.	A 59/4, 401-405 (1994)		Fox R.W.	Zibrov A.S.	B 59/3, 327-331 (1994)	
Cerez P.	Dimarcq N.	B 59/2, 135-145 (1994)	32.80	Franceschini D.F.	Freire Jr. F.L.	A 59/6, 667-672 (1994)	
Chang P.T.	Shen C.C.	A 59/2, 199-201 (1994)	72.20	Frank W.	Aspacher B.	A 59/4, 339-348 (1994)	76.80

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Erediani C	hadi M	50/1 2 10 (1004)	61.160	Hörsch I.	Bielefeldt H.	A 50/2 103 109 (1004)	07.60P
		59/1, 3-10 (1994) 59/6, 667-672 (1994)	61.16C 81.15	Houghton D.C.	Navarro H.	A 59/2, 103-108 (1994) A 59/4, 373-379 (1994)	78.50G
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		59/5, 553-562 (1994)	68.45K	Huang Z.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G
	robst O. A		42.60F	Huber G.	Grieser R.	B 59/2, 127-133 (1994)	03.30
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	eorge T. E	59 /2, 159-166 (1994) 59 /4, 397-402 (1994)	33.20	Jiang X.	Schiffmann K.	A 59/1, 17-22 (1994) A 50/2 235 237 (1994)	61.16D
		59 /4, 397-402 (1994) 59 /2, 179-185 (1994)	34.00 32.80P	Jin G. Johr T.	Jin G. Takahashi H.	A 59/3, 335-337 (1994) B 59/4, 403-414 (1994)	68.60D 33.20F
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		59/1, 57-62 (1994)	68.55	Julien C.	Julien C.	A 59/2, 173-178 (1994)	68.65
		59/3, 245-251 (1994)	71.00				
Goodman S.A. G	oodman S.A.	59/3, 305-310 (1994)	61.80J	Kadowaki K.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G
Gorenstein A. Ju	alien C.	59/2, 173-178 (1994)	68.65	Kajoch A.	Behrens HO.	B 59/3, 299-306 (1994)	32.30J
		3 59/6, 581-589 (1994)	61.30	Kakudate Y.	Kokai F.	A 59/3, 299-304 (1994)	81.15
		59/1, 69-72 (1994)	78.40	Karabutov A.A.	Esenaliev R.O.	B 59/1, 73-81 (1994)	79.20D
		59/2, 109-113 (1994)	42.60F	Karnakis D.M.	Dyer P.E.	A 59/3, 275-279 (1994)	81.60 81.15
		3 59 /2, 127-133 (1994) 3 59 /2, 127-133 (1994)	03.30 03.30	Kawaguchi M. Kern K.	Kokai F. Bucher J.P.	A 59/3, 299-304 (1994) A 59/2, 135-138 (1994)	68.55
		3 59 /3, 283-298 (1994)	32.80P	Kerr K.E.	Weliky D.P.	B 59/3, 265-281 (1994)	78.30H
		A 59/3, 331-333 (1994)	73.30	Key P.H.	Dirnberger L.	A 59/3, 311-316 (1994)	52.50
		8 59/5, 525-531 (1994)	42.50F	Khelfa A.	Julien C.	A 59/2, 173-178 (1994)	68.65
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Guan Q. L	ian Y.	3 59/6, 655-658 (1994)	42.65	Kimura T.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G
		3 59 /3, 333-343 (1994)	33.80	Kiselev S.A.	Antonyuk B.P.	B 59/6, 639-643 (1994)	78.66
		A 59/2, 173-178 (1994)	68.65	Kishida S.	Morishige Y.	A 59/4, 395-399 (1994)	81.15G
		B 59 /4, 389-395 (1994)	33.20F	Kishio K.	Yuan S.L. Kisters Th.	A 59/6, 583-587 (1994) B 59/2, 89-98 (1994)	74.60G 32.80P
		B 59/3, 299-306 (1994) A 59/2, 115-117 (1994)	32.30J 68.55	Kisters Th. Kitagawa T.	Sato S.	B 59/4, 415-431 (1994)	65.00
Ou Z.Z.	ang A.M.	A 39/2, 113-117 (1994)	06.33	Kizler P.	Aspacher B.	A 59/4, 339-348 (1994)	76.80
Habs D. G	Grieser R.	B 59/2, 127-133 (1994)	03.30	Klaft I.	Grieser R.	B 59/2, 127-133 (1994)	03.30
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Haefke H. S	chwarz U.D.	A 59/1, 33-40 (1994)	61.16C	Klein R.	Grieser R.	B 59/2, 127-133 (1994)	03.30
	1 0	A 59/2, 215-222 (1994)	68.55B	Klingler M.	Klingler M.	A 59/3, 239-243 (1994)	72.20
		B 59/4, 369-375 (1994)	42.65D	Kluge HJ.	Zimmer K.	B 59/2, 117-121 (1994)	89.60
		A 59/3, 245-251 (1994)	71.00	Klünker C.	Daum W. Schmidt O.	A 59/5, 553-562 (1994) B 59/2, 167-178 (1994)	68.45K 32.80B
		A 59/6, 617-621 (1994) B 59/2, 195-201 (1994)	78.30F 02.70D	Knaak KM. Knabben D.	Daum W.	A 59/5, 553-562 (1994)	68.45K
		A 59/4, 365-372 (1994)	71.70C	Knobloch P.	Grieser R.	B 59/2, 127-133 (1994)	03.30
		B 59/3, 299-306 (1994)	32.30J	Knop A.	Markwitz A.	A 59/4, 435-439 (1994)	34.00
		A 59/2, 215-222 (1994)	68.55B	Koga Y.	Kokai F.	A 59/3, 299-304 (1994)	81.15
		A 59/3, 295-297 (1994)	81.60	Kokai F.	Kokai F.	A 59/3, 299-304 (1994)	81.15
		A 59/1, 41-48 (1994)	61.16D	Komuro S.	Lu Y.F.	A 59/3, 281-288 (1994)	42.55G
		A 59/2, 89-101 (1994)	61.16C	Kovalenko S.A.	Cheskis S.	B 59/5, 543-546 (1994)	32.20
		A 59/3, 289-293 (1994)	42.55	Kowalski J.	Probst O.	A 59/2, 109-113 (1994)	42.60F
		A 59/4, 427-429 (1994)	61.723	Kramer J.	Slaoui A.	A 59/2, 203-207 (1994)	73.40L
		B 59/6, 601-606 (1994)	61.30	Krätzig E.	Buse K.	A 59/6, 563-567 (1994)	61.70
		B 59/2, 89-98 (1994) B 59/3, 299-306 (1994)	32.80P 32.30J	Krausch G.	Bielefeldt H.	A 59/2, 103-108 (1994) B 59/6, 581-589 (1994)	07.60P 61.30
	Lee D.	A 59/4, 365-372 (1994)	71.70C	Kreuzer M. Krichbaumer W.	Kreuzer M. Krichbaumer W.	B 59/6, 581-589 (1994) B 59/5, 517-523 (1994)	42.680
	Morosin B.	A 59/2, 179-180 (1994)	82.30N	Krimmel E.F.	Markwitz A.	A 59/4, 435-439 (1994)	34.00
	Loddoch M.	B 59/6, 591-595 (1994)	42.65K	Kruck P.	Lohner A.	B 59/2, 211-213 (1994)	42.65K
He Q.B.	He Q.B.	B 59/4, 467-470 (1994)	42.65	Krüger P.	Krüger P.	A 59/5, 487-502 (1994)	73.20/
	Bluhm H.	A 59/1, 23-27 (1994)	61.16	Krzykowski A.	Behrens HO.	B 59/3, 299-306 (1994)	
	Zimmer K.	B 59/2, 117-121 (1994)	89.60	Kubota M.	Kokai F.	A 59/3, 299-304 (1994)	81.15
	Brown T.M.	B 59/3, 351-356 (1994)	07.60	Kuga Y.	Okada Y.	B 59/4, 475-477 (1994)	
	Buse K. Coufal H.	A 59 /6, 563-567 (1994) A 59 /1, 83-86 (1994)	61.70 62.20D	Kuhlenbeck H.	Kuhlenbeck H.	A 59/5, 469-477 (1994) B 59/2, 127-133 (1994)	
	Luiten O.J.	B 59/3, 311-319 (1994)	67.65	Kühl T. Kullmer R.	Grieser R. Kullmer R.	B 59/1, 25-36 (1994)	82.50
	Hinnen P.C.	B 59/3, 307-310 (1994)	33.20N	Kummrow A.	Schaertel S.A.	B 59/4, 377-387 (1994)	
	Falke M.	A 59/5, 537-540 (1994)	79.20	Kuphal E.	Kuphal E.	A 59/4, 441-444 (1994)	
	Hoegen M. Horn-von		68.55	Kuprionis Z.	Kuprionis Z.	B 59/6, 649-653 (1994)	
	Hinnen P.C.	B 59/3, 307-310 (1994)	33.20N	Kushawaha V.	Kushawaha V.	B 59/6, 659-662 (1994)	42.55E
Hollberg L.	Zibrov A.S.	B 59/3, 327-331 (1994)		Labardi M.	Labardi M.	A 59/1, 3-10 (1994)	61.160
Hooker C.J.	Osvay K.	B 59/3, 361-365 (1994)	33.80R	Lan M.D.	Lan M.D.	A 59/2, 169-172 (1994)	74.600

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Lantzsch J.	Zimmer K.	B 59/2, 117-121 (1994)	89.60	Monz L.	Zimmer K.	B 59/2, 117-121 (1994)	89.60
Larsson J.	Larsson J.	B 59/4, 433-436 (1994)	42.62F	Moreland J.	Wadas A.	A 59/1, 63-67 (1994)	61.16C
Lau A.	Schaertel S.A.	B 59/4, 377-387 (1994)	42.65D	Morishige Y.	Morishige Y.	A 59/4, 395-399 (1994)	81.15G
Lau A.	Takahashi H.	B 59/4, 403-414 (1994)	33.20F	Morosin B.	Morosin B.	A 59/2, 179-180 (1994)	82.30N
Laubereau A.	Wolfrum K.	A 59/6, 605-610 (1994)	68.10	Morris, Jr. D.L.	Morris, Jr. D.L.	B 59/4, 389-395 (1994)	33.20F
Laufer G.	Quagliaroli T.M.	B 59/6, 635-638 (1994)	07.60	Moser P.	Jennane A. Moskovets E.V.	A 59/2, 163-168 (1994)	78.70B 82.80M
Läuger K.	Xu J.B.	A 59/2, 155-161 (1994) B 59/2, 282, 288 (1994)	61.16 32.80P	Moskovets E.V. Moya G.	Jennane A.	B 59/5, 547-552 (1994) A 59/2, 163-168 (1994)	78.70B
Laurent Ph.	Drewsen M. Lee D.	B 59/3, 283-298 (1994) A 59/4, 365-372 (1994)	71.70C	Mühge Th.	Mühge Th.	A 59/6, 659-665 (1994)	81.15C
Lee D. Lee T.C.	Shan Y.Y.	A 59/3, 259-273 (1994)	78.70B	Müller J.H.	Sengstock K.	B 59/2, 99-115 (1994)	07.65
Leopold K.E.	Taylor R.S.	B 59/5, 479-508 (1994)	42.55G	Musset O.	Boquillon J.P.	B 59/3, 357-360 (1994)	42.55R
Leppert J.	Leppert J.	A 59/1, 69-72 (1994)	78.40	Myburg G.	Goodman S.A.	A 59/3, 305-310 (1994)	61.80J
Letokhov V.S.	Esenaliev R.O.	B 59/1, 73-81 (1994)	79.20D	myoung G.	Goodinan G.74.	,	011000
Letokhov V.S.	Moskovets E.V.	B 59/5, 547-552 (1994)	82.80M	Nadir A.	Drewsen M.	B 59/3, 283-298 (1994)	32.80P
Levick A.P.	Edwards C.S.	B 59/2, 179-185 (1994)	32.80P	Nassisi V.	Causo M.S.	B 59/1, 19-24 (1994)	79.60
Liakhou G.L.	Antonyuk B.P.	B 59/6, 639-643 (1994)	78.66	Navarro H.	Navarro H.	A 59/4, 373-379 (1994)	78.50G
Liang W.	Magonov S.N.	A 59/2, 119-133 (1994)	68.45	Neubecker R.	Kreuzer M.	B 59/6, 581-589 (1994)	61.30
Lian Y.	Lian Y.	B 59/6, 655-658 (1994)	42.65	Neuhauser W.	Courteille Ph.	B 59/2, 187-193 (1994)	07.65E
Li H.	Khoo I.C.	B 59/6, 573-580 (1994)	42.81	Neumann R.	Probst O.	A 59/2, 109-113 (1994)	42.60F
Li J.Q.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G	Newzella A.	Newzella A.	B 59/6, 597-600 (1994)	42.65
Lindberg Å.	Fellman T.	B 59/6, 631-633 (1994)	42.60B	Ng S.C.	Tan H.S.	A 59/3, 245-251 (1994)	71.00
Ling C.C.	Shan Y.Y.	A 59/3, 259-273 (1994)	78.70B	Niess S.	Zimmer K.	B 59/2, 117-121 (1994)	89.60
Lippert M.	Burger J.	A 59/1, 49-56 (1994)	68.55	Nshanian T.	Nshanian T.	A 59/4, 349-355 (1994)	61.80J
Lister J.M.D.	Osvay K.	B 59/3, 361-365 (1994)	33.80R	Nyffenegger R.	Chomakova-Haefke	A 59/2, 151-153 (1994)	61.16C
Liu H.K.	He Q.B.	B 59/4, 467-470 (1994)	42.65	Nyholm K.	Nyholm K.	B 59/1, 37-43 (1994)	42.65
Liu J.Z.	Lan M.D.	A 59/2, 169-172 (1994)	74.60G				10 (61)
Ljungberg P.	Ljungberg P.	B 59/1, 53-60 (1994)	35.80	O'Mahony J.D.	McGilp J.F.	A 59/4, 401-405 (1994)	42.65K
Llopis J.	Paje S.E.	A 59/6, 569-574 (1994)	78.55H	O'Shea M.J.	Al-Sharif A.	A 59/6, 597-599 (1994)	61.80H
Lloret A.	Cifre J.	A 59/6, 645-651 (1994)	81.15	Oh HK.	Gilbert B.D.	B 59/4, 397-402 (1994)	34.00
Löbau J.	Wolfrum K.	A 59/6, 605-610 (1994)	68.10	Okada Y.	Okada Y.	B 59/4, 475-477 (1994) B 59/3, 265-281 (1994)	82.50 78.30H
Loddoch M.	Loddoch M.	B 59/6, 591-595 (1994)	42.65K	Oka T. Osvay K.	Weliky D.P.	B 59/3, 361-365 (1994)	33.80R
Loheide S.	Buse K.	A 59/6, 563-567 (1994)	61.70	Otten E.W.	Osvay K. Zimmer K.	B 59/2, 117-121 (1994)	89.60
Löhndorf M.	Löhndorf M.	A 59/1, 57-62 (1994)	68.55	Ozaki M.	Ozaki M.	B 59/6, 601-606 (1994)	61.30
Lohner A.	Lohner A.	B 59/2, 211-213 (1994)		OZAKI NJ.	OZAKI MI.	B 33/ 0, 001-000 (1774)	01.50
Longo S.	Colonna G.	B 59/1, 61-72 (1994)	42.55G	Paggel J.J.	Paggel J.J.	A 59/4, 419-425 (1994)	61.16C
Luiten O.J.	Luiten O.J.	B 59/3, 311-319 (1994)		Paje S.E.	Paje S.E.	A 59/6, 569-574 (1994)	78.55H
Lux-Steiner M. Lu Y.F.	Bielefeldt H. Lu Y.F.	A 59/2, 103-108 (1994)	07.60P 42.55G	Paloura E.C.	Markwitz A.	A 59/4, 435-439 (1994)	34.00
Lu Z.H.	Yang X.M.	A 59/3, 281-288 (1994) A 59/2, 115-117 (1994)		Panda B.K.	Shan Y.Y.	A 59/3, 259-273 (1994)	78.70B
Lu Z.II.	rang A.M.	A 39/2, 115-117 (1994)	00.33	Papageorgiou N.	Papageorgiou N.	B 59/2, 123-126 (1994)	32.60
Maccioni E.	Beverini N.	B 59/3, 321-326 (1994)	42.65	Papajova D.	Papajova D.	A 59/2, 215-222 (1994)	68.55B
Macdonald J.R.	Macdonald J.R.	A 59/2, 181-188 (1994)		Park JH.	Park JH.	A 59/6, 617-621 (1994)	78.30F
Magonov S.N.	Magonov S.N.	A 59/2, 119-133 (1994)		Parmenter C.S.	Gilbert B.D.	B 59/4, 397-402 (1994)	34.00
Maier K.	Aspacher B.	A 59/4, 339-348 (1994)		Pascual I.	Beléndez A.	B 59/5, 553-561 (1994)	42.40D
Ma L.S.	Courteille Ph.	B 59/2, 187-193 (1994)		Passler G.	Zimmer K.	B 59/2, 117-121 (1994)	89.60
Malten C.	Colbow K.M.	A 59/4, 413-418 (1994)	79.60E	Paufler P.	Bluhm H.	A 59/1, 23-27 (1994)	61.16
Mariotto G.	Freire Jr. F.L.	A 59/6, 667-672 (1994)	81.15	Peng S.J.	Lan M.D.	A 59/2, 169-172 (1994)	74.60G
Markwitz A.	Markwitz A.	A 59/4, 435-439 (1994)	34.00	Persch G.	Persch G.	A 59/1, 29-32 (1994)	68.55
Marowsky G.	Jordan C.	B 59/4, 471-473 (1994)	42.65R	Petermann J.	Eng L.M.	A 59/2, 145-150 (1994)	61.14
Marowsky G.	Roders O.	B 59/5, 537-541 (1994)	42.65K	Peters P.J.M.	Peters P.J.M.	B 59/5, 533-535 (1994)	42.55G
Marowsky G.	Loddoch M.	B 59/6, 591-595 (1994)	42.65K	Peudenier S.	Leppert J.	A 59/1, 69-72 (1994)	78.40
Marowsky G.	Schwarzberg E.	A 59/6, 631-637 (1994)		Pfeiffer M.	Takahashi H.	B 59/4, 403-414 (1994)	33.20F
Martino M.	Causo M.S.	B 59/1, 19-24 (1994)	79.60	Phillips H.M.	Heitz J.	A 59/3, 289-293 (1994)	42.55
Marti O.	Bielefeldt H.	A 59/2, 103-108 (1994)		Pietsch U.	Mühge Th.	A 59/6, 659-665 (1994)	81.15C
Massone C.A.	Dias Tavares Jr. A.			Piron F.	Vicanek M.	A 59/4, 407-412 (1994) B 59/3, 351-356 (1994)	07.60 07.60
Matthias E.	Preuss S.	A 59/1, 79-82 (1994)	81.60B	Pitz R.W.	Brown T.M.	B 59/1, 73-81 (1994)	79.20D
Maurer C.	Markwitz A.	A 59/4, 435-439 (1994)		Podymova N.B. Pohl D.W.	Esenaliev R.O. Heinzelmann H.	A 59/2, 89-101 (1994)	61.16C
McDaniel J.C.	Quagliaroli T.M.	B 59/6, 635-638 (1994)		Polimann J.	Krüger P.	A 59/5, 487-502 (1994)	
McGilp J.F.	McGilp J.F. Mehdizadeh E.	A 59/4, 401-405 (1994)		Polo M.C.	Cifre J.	A 59/6, 645-651 (1994)	81.15
Mehdizadeh E.		B 59/5, 509-515 (1994) B 59/5, 533-535 (1994)		Popescu A.A.	Antonyuk B.P.	B 59/6, 639-643 (1994)	78.66
Mei Q.C. Meisel W.	Peters P.J.M. Meisel W.			Power J.R.	McGilp J.F.	A 59/4, 401-405 (1994)	
Merkt U.	Löhndorf M.	A 59/4, 381-384 (1994) A 59/1, 57-62 (1994)	82.80E 68.55	Pratisto H.	Ith M.	B 59/6, 621-629 (1994)	
Merz P.	Grieser R.	B 59/2, 127-133 (1994)		Preuss S.	Preuss S.	A 59/1, 79-82 (1994)	81.60B
Meschede D.	Schmidt O.	B 59/2, 167-178 (1994)		Probst O.	Probst O.	A 59/2, 109-113 (1994)	
Messina A.M.	Beverini N.	B 59/3, 321-326 (1994)		Pugachevich V.	Gromov D.	A 59/3, 331-333 (1994)	
Metoki N.	Mühge Th.	A 59/6, 659-665 (1994)		Puigdollers J.	Cifre J.	A 59/6, 645-651 (1994)	
Meyer K.	Coufal H.	A 59/1, 83-86 (1994)	62.20D	Pustogowa U.	Pustogowa U.	A 59/6, 611-615 (1994)	
Michelmann R.W.	Markwitz A.	A 59/4, 435-439 (1994)		Putlitz G. zu	Probst O.	A 59/2, 109-113 (1994)	42.60F
Miklyaev Yu.V.	Shershakov Ye.P.	A 59/6, 575-578 (1994					
Min SK.	Park JH.	A 59/6, 617-621 (1994		Quagliaroli T.M.	Quagliaroli T.M.	B 59/6, 635-638 (1994)	07.60
Missana T.	Missana T.	A 59/6, 653-658 (1994					4-
Mitschke F.	Dimmig M.	B 59/3, 345-349 (1994		Rasing T.	Rasing T.	A 59/5, 531-536 (1994)	
Miziolek A.W.	Simeonsson J.B.	B 59/1, 1-9 (1994)	52.25Q	Rayner D.M.	Bourne O.L.	A 59/3, 295-297 (1994)	
Mlynek J.	Bielefeldt H.	A 59/2, 103-108 (1994		Renk K.F.	Schatz W.	B 59/4, 453-465 (1994)	
Möbius D.	Roders O.	B 59/5, 537-541 (1994		Reynolds M.W.	Luiten O.J.	B 59/3, 311-319 (1994)	
Möller R.	Xu J.B.	A 59/2, 155-161 (1994	61.16	Ricci L.	Ricci L.	B 59/2, 195-201 (1994)	
Momose T.	Weliky D.P.	B 59/3, 265-281 (1994	78.30H	Rice P.	Wadas A.	A 59/1, 63-67 (1994)	61.16C

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Richmond G.L.	Conboy J.C.	A 59/6, 623-629 (1994)	42.65	Strumia F.	Beverini N.	B 59/3, 321-326 (1994)	42.65
Rieger V.	Sengstock K.	B 59/2, 99-115 (1994)	07.65	Stuke M.	Preuss S.	A 59/1, 79-82 (1994)	81.60B
Riehle F.	Kisters Th.	B 59/2, 89-98 (1994)	32.80P	Suda A.	Okada Y.	B 59/4, 475-477 (1994)	82.50
Rinkleff RH.	Domiaty U.	B 59/5, 525-531 (1994)	42.50F	Sugioka K.	Sugioka K.	A 59/3, 233-237 (1994)	42.55G
Roders O.	Roders O.	B 59/5, 537-541 (1994)	42.65K	Su MC.	Gilbert B.D.	B 59/4, 397-402 (1994)	34.00
Roosen G.	Delaye P.	A 59/4, 357-364 (1994)	71.55E	Sunouchi K.	Okada Y.	B 59/4, 475-477 (1994)	82.50
Rosch A.	Vicanek M.	A 59/4, 407-412 (1994)	07.60	Suzuki A.	Tomita Y.	A 59/6, 579-582 (1994)	42.65
Rosenwaks S.	Tzuk Y.	B 59/1, 45-52 (1994)	42.25B	Svanberg S.	Larsson J.	B 59/4, 433-436 (1994)	42.62F
Ross I.N.	Osvay K.	B 59/3, 361-365 (1994)	33.80R	Svedas V.	Kuprionis Z.	B 59/6, 649-653 (1994)	32.50
Rottner K.	Rottner K.	A 59/4, 427-429 (1994)	61.72J	Svensson M.	Ozaki M.	B 59/6, 601-606 (1994)	61.30
Rowley W.R.C.	Edwards C.S.	B 59/2, 179-185 (1994)	32.80P	T. 1 T	T. L. D. N.	D FOLL 200 275 (1004)	42 CED
Rühle W.W.	Lohner A.	B 59/2, 211-213 (1994)	42.65K	Tahara T.	Toleutaev B.N. Takahashi H.	B 59/4, 369-375 (1994) B 59/4, 403-414 (1994)	42.65D 33.20F
Sabbert D.	Buse K.	A 59/6, 563-567 (1994)	61.70	Takahashi H: Takai M.	Lu Y.F.	A 59/3, 281-288 (1994)	42.55G
Saemann-Ischenko G.	Burger J.	A 59/1, 49-56 (1994)	68.55	Takeuchi K.	Okada Y.	B 59/4, 475-477 (1994)	82.50
Saffarini G.	Saffarini G.	A 59/4, 385-388 (1994)	61.40	Talwar S.	Slaoui A.	A 59/2, 203-207 (1994)	73.40L
Sahoo N.K.	Sahoo N.K.	A 59/3, 317-326 (1994)	42.80	Tan H.S.	Tan H.S.	A 59/3, 245-251 (1994)	71.00
Sakuta M.	Ozaki M.	B 59/6, 601-606 (1994)	61.30	Tarroja M.F.H.	Slekys G.	B 59/1, 11-17 (1994)	42.60J
Salerno M.	Labardi M.	A 59/1, 3-10 (1994)	61.16C	Tashiro H.	Okada Y.	B 59/4, 475-477 (1994)	82.50
Salomon C.	Drewsen M.	B 59/3, 283-298 (1994)	32.80P	Taylor R.S.	Taylor R.S.	B 59/5, 479-508 (1994)	42.55G
Salvetti G.	Falconieri M.	A 59/3, 253-258 (1994)	42.70	Timusk T.	Navarro H.	A 59/4, 373-379 (1994)	78.50G
Santarelli G.	Drewsen M.	B 59/3, 283-298 (1994)	32.80P	Tino G.M.	Zibrov A.S.	B 59/3, 327-331 (1994)	42.55P
Santesson L.	Bucher J.P.	A 59/2, 135-138 (1994)	68.55	Tokarzewski S.	Tokarzewski S.	A 59/6, 601-604 (1994)	02.00
Satooka S.	Okada Y.	B 59/4, 475-477 (1994)	82.50	Toleutaev B.N.	Toleutaev B.N.	B 59/4, 369-375 (1994)	42.65D
Sato S.	Sato S.	B 59/4, 415-431 (1994)	65.00	Tomita Y.	Tomita Y.	A 59/6, 579-582 (1994)	42.65
Sauerbrey R.	Heitz J.	A 59/3, 289-293 (1994)	42.55	Tong C.	Park JH.	A 59/6, 617-621 (1994)	78.30F
Saupe S.	George T.	B 59/2, 159-166 (1994)	33.20	Tong X.	Tong X.	A 59/2, 189-191 (1994)	61.80
Sautenkov V.A.	Papageorgiou N.	B 59/2, 123-126 (1994)	32.60	Toyoda K.	Sugioka K.	A 59/3, 233-237 (1994) B 59/2, 117-121 (1994)	42.55G
Schadt M.	Schadt M.	B 59/6, 607-615 (1994) B 59/4, 377-387 (1994)	61.30 42.65D	Trautmann N. Trentelman M.	Zimmer K. Peters P.J.M.	B 59/5, 533-535 (1994)	89.60 42.55G
Schaertel S.A. Schatz W.	Schaertel S.A. Schatz W.	B 59/4, 377-387 (1994) B 59/4, 453-465 (1994)	42.55L	Tschudi T.	Kreuzer M.	B 59/6, 581-589 (1994)	61.30
Schiffmann K.	Schiffmann K.	A 59/1, 17-22 (1994)	61.16D	Tsunemi A.	Okada Y.	B 59/4, 475-477 (1994)	82.50
Schirber J.E.	Morosin B.	A 59/2, 179-180 (1994)	82.30N	Tzuk Y.	Tzuk Y.	B 59/1, 45-52 (1994)	42.25B
Schmid H.	Loddoch M.	B 59/6, 591-595 (1994)	42.65K	I LOOK I .	a comm. v .	2 22 11 12 22 (11-1)	
Schmidt E.	Chomakova-Haefke		61.16C	Uhachs W.	Hinnen P.C.	B 59/3, 307-310 (1994)	33.20N
Schmidt O.	Schmidt O.	B 59/2, 167-178 (1994)	32.80B	Urban W.	George T.	B 59/2, 159-166 (1994)	33.20
Schmitt K.	Schadt M.	B 59/6, 607-615 (1994)	61.30	Utesch B.	Persch G.	A 59/1, 29-32 (1994)	68.55
Schneider WD.	Schneider WD.	A 59/5, 463-467 (1994)	79.60B				
Schwalbach R.	Zimmer K.	B 59/2, 117-121 (1994)		Varadarajan T.S.	Bangar Raju B.	B 59/1, 83-86 (1994)	42.55M
Schwalm D.	Grieser R.	B 59/2, 127-133 (1994)		Velichansky V.L.	Zibrov A.S.	B 59/3, 327-331 (1994)	42.55P
Schwarzberg E.	Schwarzberg E.	A 59/6, 631-637 (1994)		Vicanek M.	Vicanek M.	A 59/4, 407-412 (1994)	07.60
Schwarz M.	Zimmer K.	B 59/2, 117-121 (1994)		Vogtmann Th.	Fehn Th.	B 59/2, 203-209 (1994)	42.65
Schwarz U.D.	Allers W.	A 59/1, 11-15 (1994)	68.55	Vries M. de	Coufal H.	A 59/1, 83-86 (1994)	62.20D 02.70D
Schwarz U.D. Schwarz U.D.	Bluhm H.	A 59/1, 23-27 (1994) A 59/1, 33-40 (1994)	61.16 61.16C	Vuletic V.	Ricci L.	B 59/2, 195-201 (1994)	02.700
Schwarz O.D. Schwoerer M.	Schwarz U.D. Fehn Th.	B 59/2, 203-209 (1994)		Wadas A.	Wadas A.	A 59/1, 63-67 (1994)	61.16C
Sengstock K.	Sengstock K.	B 59/2, 99-115 (1994)	07.65	Wal R.L. Vander	Wal R.L. Vander	B 59/4, 445-452 (1994)	42.62H
Serin N.	Serin T.	A 59/4, 431-433 (1994)		Walraven J.T.M.	Luiten O.J.	B 59/3, 311-319 (1994)	67.65
Serin T.	Serin T.	A 59/4, 431-433 (1994)		Walter K.	Zimmer K.	B 59/2, 117-121 (1994)	89.60
Setija I.D.	Luiten O.J.	B 59/3, 311-319 (1994)		Wang H.	Lian Y.	B 59/6, 655-658 (1994)	42.65
Shan Y.Y.	Shan Y.Y.	A 59/3, 259-273 (1994)		Wang J.	Lian Y.	B 59/6, 655-658 (1994)	42.65
Shelton R.N.	Lan M.D.	A 59/2, 169-172 (1994)	74.60G	Wang Y.	Tong X.	A 59/2, 189-191 (1994)	61.80
Shen C.C.	Shen C.C.	A 59/2, 199-201 (1994)	72.20	Wang Y.	Zhang W.	A 59/6, 589-595 (1994)	78.20F
Shen Y.R.	Shen Y.R.	A 59/5, 541-543 (1994)		Wang Y.Y.	Shan Y.Y.	A 59/3, 259-273 (1994)	78.70B
Shershakov Ye.P.	Shershakov Ye.P.	A 59/6, 575-578 (1994)		Wappelhorst M.H.	George T.	B 59/2, 159-166 (1994)	33.20
Shiokawa T.	Lu Y.F.	A 59/3, 281-288 (1994)		Wawkuschewski A.	Magonov S.N.	A 59/2, 119-133 (1994)	
Sibilia C.	Antonyuk B.P.	B 59/6, 639-643 (1994)		Weber H.P.	Ith M.	B 59/6, 621-629 (1994)	61.80B
Sigmon T.W.	Slaoui A.	A 59/2, 203-207 (1994)		Weide C.	Jin G.	A 59/3, 335-337 (1994)	68.60D
Silva M.F. da	Missana T.	A 59/6, 653-658 (1994)		Weiland K.J.	Wal R.L. Vander	B 59/4, 445-452 (1994)	
Simeonsson J.B.	Simeonsson J.B.	B 59/1, 1-9 (1994)	52.25Q	Weiner C.S.	Zibrov A.S.	B 59/3, 327-331 (1994) B 59/2, 123-126 (1994)	42.55P 32.60
Simon G.	Vicanek M.	A 59/4, 407-412 (1994)		Weis A. Weiss C.O.	Papageorgiou N. Slekys G.	B 59/1, 11-17 (1994)	42.60J
Skarp K.	Ozaki M.	B 59/6, 601-606 (1994) A 59/2, 203-207 (1994)		Weiss D.S.	Weiss D.S.	B 59/3, 217-256 (1994)	
Slaoui A. Slekys G.	Slaoui A. Slekys G.	B 59/1, 11-17 (1994)	42.60J	Wei Y.	Yang X.M.	A 59/2, 139-143 (1994)	
Snyder C.	Brannon J.	A 59/1, 73-78 (1994)	81.60J	Wei Y.	Yang X.M.	A 59/2, 115-117 (1994)	
Stahlberg B.	Fellman T.	B 59/6, 631-633 (1994)		Wei Y.	Zhu Y.M.	B 59/6, 617-619 (1994)	
Staliunas K.	Slekys G.	B 59/1, 11-17 (1994)	42.60J	Weliky D.P.	Weliky D.P.	B 59/3, 265-281 (1994)	
Stankov K.A.	Jordan C.	B 59/4, 471-473 (1994)		Wendt K.	Zimmer K.	B 59/2, 117-121 (1994)	
Steinrück HP.	Steinrück HP.	A 59/5, 517-529 (1994)		Weng H.M.	Shan Y.Y.	A 59/3, 259-273 (1994)	
Stenner J.	Zimmer K.	B 59/2, 117-121 (1994)		Weppner W.	Klingler M.	A 59/3, 239-243 (1994)	72.20
Sterr U.	Sengstock K.	B 59/2, 99-115 (1994)	07.65	Werij H.G.C.	Luiten O.J.	B 59/3, 311-319 (1994)	
Stevendaal U. van	Buse K.	A 59/6, 563-567 (1994)		Werncke W.	Takahashi H.	B 59/4, 403-414 (1994)	
Stevens H.	Zimmer K.	B 59/2, 117-121 (1994)		Werner Ch.	Krichbaumer W.	B 59/5, 517-523 (1994)	
Stiens T.	Newzella A.	B 59/6, 597-600 (1994		Werth G.	Werth G.	B 59/3, 257-263 (1994)	
Stierle A.	Mühge Th.	A 59/6, 659-665 (1994		Whangbo MH.	Magonov S.N.	A 59/2, 119-133 (1994)	
Stimming U.	Daum W.	A 59/5, 553-562 (1994		Wiesendanger R.	Allers W.	A 59/1, 11-15 (1994)	68.55
Stolle R.	Newzella A.	B 59/6, 597-600 (1994		Wiesendanger R.	Löhndorf M.	A 59/1, 57-62 (1994)	68.55
Stolte S.	Hinnen P.C.	B 59/3, 307-310 (1994	33.20N	Wilson I.H.	Xu J.B.	A 59/2, 155-161 (1994)	61.16

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Windholz L.	Domiaty U.	B 59/5, 525-531 (1994)	42.50F	Yan W.	Zhu Y.M.	B 59/6, 617-619 (1994)	61.30G
Witteman W.J.	Peters P.J.M.	B 59/5, 533-535 (1994)	42.55G	Yeh P.	He Q.B.	B 59/4, 467-470 (1994)	42.65
Wolfrum K.	Wolfrum K.	A 59/6, 605-610 (1994)	68.10	Ye P.	Lian Y.	B 59/6, 655-658 (1994)	42.65
Wood C.P.	Brown T.M.	B 59/3, 351-356 (1994)	07.60	Yoshino K.	Ozaki M.	B 59/6, 601-606 (1994)	61.30
Wörtge M.	Probst O.	A 59/2, 109-113 (1994)	42.60F	Young B.C.	Weiss D.S.	B 59/3, 217-256 (1994)	32.00
Wu J.W.	Park JH.	A 59/6, 617-621 (1994)	78.30F	Yuan S.L.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G
Wynands R.	Schmidt O.	B 59/2, 167-178 (1994)	32.80B			,	
				Zabel H.	Mühge Th.	A 59/6, 659-665 (1994)	81.15C
Xia J.B.	Xia J.B.	A 59/3, 227-231 (1994)	73.20D	Zeiske K.	Kisters Th.	B 59/2, 89-98 (1994)	32.80P
Xiao D.	Yang X.M.	A 59/2, 139-143 (1994)	68.55	Zel'dovich B.Ya.	Shershakov Ye.P.	A 59/6, 575-578 (1994)	42.70
Xiao S.J.	Yang X.M.	A 59/2, 139-143 (1994)	68.55	Zhang W.	Zhang W.	A 59/6, 589-595 (1994)	78.20F
Xu J.B.	Xu J.B.	A 59/2, 155-161 (1994)	61.16	Zhao ZQ.	Gilbert B.D.	B 59/4, 397-402 (1994)	34.00
				Zheng J.H.	Tan H.S.	A 59/3, 245-251 (1994)	71.00
Yang IS.	Park JH.	A 59/6, 617-621 (1994)	78.30F	Zhu Y.M.	Zhu Y.M.	B 59/6, 617-619 (1994)	61.30G
Yang X.M.	Yang X.M.	A 59/2, 115-117 (1994)	68.55	Zibrov A.S.	Zibrov A.S.	B 59/3, 327-331 (1994)	42.55P
Yang X.M.	Yang X.M.	A 59/2, 139-143 (1994)	68.55	Zimmer K.	Zimmer K.	B 59/2, 117-121 (1994)	89.60
Yang Z.J.	Yuan S.L.	A 59/6, 583-587 (1994)	74.60G	Zimmermann C.	Ricci L.	B 59/2, 195-201 (1994)	02.70D

